BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Construction of Concete Steps to Suverna Mahosthava Ground in Ward No. 09, Vidyaranyapura Sub Division.

							Estimate Cost Rs.		999171.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **Page No. 5 / Item No. 2.4/ PWD SR 2013-14**	Cum							
			1	25.00	1.50	1.50	56.25		
	Leveling of Ground		1	15.00	11.00	0.20	33.00		
							89.25	227.88	**20338.00**
	Basic Rate	211.00							
	Area Weightage @ 8%	16.88							
	Total	**227.88**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12 / Item No. 4.3/ PWD SR 2013-14**	Cum							
			1	25.00	1.00	0.15	3.75		
							3.75	4290.84	**16091.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13 / Item No. 4.11/ PWD SR 2013-14**	Cum							
	For Bottom		1	25.00	0.90	0.20	4.50		
	For landing		1	25.00	2.50	0.15	9.38		
	Steps		10/0.5	25.00	0.30	0.45	16.88		
	Wall back Side		1	25.00	0.15	2.30	43.13		
							73.88	5639.76	**416637.00**
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	**5639.76**							
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2/ PWD SR 2013-14**	Qtl							
	For Steps @ 90 Kg/Cum		0.90	73.88			**66.49**	7450.92	**495393.00**
	Basic Rate	6899.00							
	Area Weightage @ 8%	551.92							
	Total	**7450.92**							
5	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17/ Item No. 4.34 / PWD SR 2013-14**	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	60.00	3.00		180.00		
							180.00	244.08	**43934.00**
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km	Cum							
				Vide Item No. 1			**89.25**	72.71	**6489.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2.00X1.28X2 = 5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
7	Miscellaneous and unforeseen charges	L/S							289.00
								Total	999171.00

ADMINISTRATIVELY SANCTIONED FOR Rs 10.00
Rupees Ten lakhs only
Under P1771
Registered as EE( ) No ... 9...
Subject to conditions contained in
enclosed memo JC(Yel) 379/13-14
Dt 29.10.13
Estimate Administered
No
Dated 30.10.13 Rs 10.00 lakhs

10-00 lakhs

(Rupees Ten Lakhs Only)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

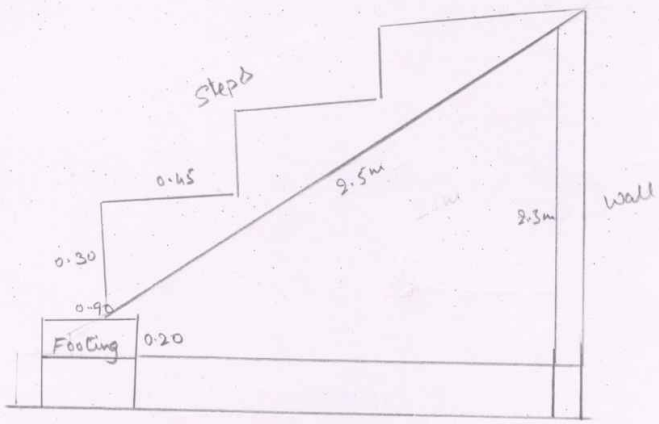
Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranayapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical sanction for Rs. Rs. 10.00 Lakhs
Rupees ten lakhs only
P-1771
EE No. 165/13-14
Subject
to conditions
No: 165/13-14 29/10/13
AE/JE
EE (BTP. DIV.)

Construction of Concete Steps to Suverna Mahosthava Ground in Ward No. 09, Vidyaranyapura Sub Division..



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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಸಾ. ಬೆಂಗಳೂರು-97

152 - BYATARAYANAPURA AC
WARD NAME : 9 - VIDYARANYAPURA

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97